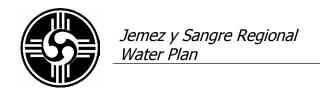
Appendix G
Water System Survey

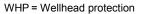


## Table G-1. Jemez y Sangre Water System Survey of Projects Page 1 of 2

Water System	Acequia del Cano (PVID)	Cañoncito at Apache Canyon	City of Espanola	City of Santa Fe	Eldorado Area Water and Sanitation District	El Vadito de los Cerrillos Mutual Domestic	Hyde Park Water Association <sup>a</sup>	Las Campanas <sup>b</sup>	La Vista Homeowners' Association	Los Alamos County	Lower Cerro Gordo Ditch Association	Madrid Water Co-operative	Penitentiary of New Mexico	Rancho de Galisteo	Santa Fe County Water Utility	State Land Office <sup>c</sup>	Sunlit Hills of Santa Fe	Sunrise Springs Resort	Cuatro Villas Mutual Domestic Water Users Association
Category I Protect Exciting Supplies	L	ı				•	ı						ı			ı			
Forest Restoration				С			С												
Storm Water Management				С		С				Р	М					С			М
Cloud Seeding																			
Well Field Management						Р			М			С							М
Conjunctive Use of Surface Water and Groundwater				Р	Р	С									С				Р
Expand Treatment Facilities		Р		Р		Р									Р				М
Desalination Project					М														М
Restrict Drilling of Domestic Wells				С		С	М		С			С							М
Other												WHP							
Category II Improve System Efficiency																			
Waste-Water Reuse		М		С	М		С	С		С			М	М	М	М		М	М
Replace Septic Tanks						М									М				М
Line Irrigation Ditches	С										Р								С
Develop Regional Water System Authority						Р													С
Aquifer Storage and Recovery with Waste- Water															М				М
Aquifer Storage and Recovery with Surface Water															М				М
Optimize Reservoir Management						С													С
Category III Drought																			
Water Banking															М				Р

<sup>&</sup>lt;sup>a</sup> Connected to City of Santa Fe System

M = May consider in the future





<sup>&</sup>lt;sup>b</sup> Propose direct diversion from Rio Grande

<sup>&</sup>lt;sup>c</sup> Santa Fe River restoration and San Cristobal village projects

C = Current project

P = Proposed project



## Table G-1. Jemez y Sangre Water System Survey of Projects Page 2 of 2

Water System	Acequia del Cano (PVID)	Cañoncito at Apache Canyon	City of Espanola	City of Santa Fe	Eldorado Area Water and Sanitation District	El Vadito de los Cerrillos Mutual Domestic	Hyde Park Water Association <sup>a</sup>	Las Campanas <sup>b</sup>	La Vista Homeowners' Association	Los Alamos County	Lower Cerro Gordo Ditch Association	Madrid Water Co-operative	Penitentiary of New Mexico	Rancho de Galisteo	Santa Fe County Water Utility	State Land Office °	Sunlit Hills of Santa Fe	Sunrise Springs Resort	Cuatro Villas Mutual Domestic Water Users Association
Emergency Conservation				С		С	С		С						С				Р
Category IV Reduce Demand			•	•			,							•					
Manage Growth and Land Use			С	С	Р	С						С		С	С				Р
Water Conservation of Outdoor Use				С	Р	С	С			М		С		С	С		Р	С	Р
Water Conservation of Indoor Use for New Construction				С		С	С					С			С		Р	С	Р
Water Conservation for Indoor Use Through Retrofits				С		С	С					С					Р	С	Р
Category V Increase Water Supply																			
Utilize San Juan-Chama Water			Р	С	Р		С			М					С	М			Р
Purchase Water Rights without transfering across Otowi				С				C/P							Р	М	М		М
Purchase Water Rights with transfering across Otowi				М											Р	М	М		М
Drill Additional Domestic Wells															С				М
Drill Additional Municipal Wells		С		С	Р	Р						Р			М		Р		Р
Reappropriate water above Otowi Gage up to 1929 Condition															Р				М
Appropriate Flood Flows during Spill years															М				М
Build New Reservoirs																			

C = Current project

P = Proposed project

M = May consider in the future

WHP = Wellhead protection



<sup>&</sup>lt;sup>a</sup> Connected to City of Santa Fe System

<sup>&</sup>lt;sup>b</sup> Propose direct diversion from Rio Grande

<sup>&</sup>lt;sup>c</sup> Santa Fe River restoration and San Cristobal village projects

## Jemez y Sangre Water Planning Council Survey of Water Systems August 2002

		ater System Domestic, Munici	pality)
-			
		ler Categor	y I: Protect Existing Supplies (Please check all boxes that apply and describe in space
Current	Proposed	May consider in the future	
			Forest restoration project
			Develop storm water management ordinance
			Cloud seeding project
			Develop well field management plan
			Propose conjunctive use of surface and groundwater supplies
			Expand treatment facilities to remove trace constituents (i.e., arsenic)
			Groundwater desalination project
			Restrict drilling of domestic wells within your jurisdiction
			Other
provided	(or attach lo	ler Categor	y II: Improve System Efficiency (Please check all that apply and describe in space
Current	Proposed	in the future	W
			Wastewater reuse project
			Project to replace septic tanks and provide for regional WWTP
			Line irrigation ditches/acequias
			Develop a regional water system authority
			Aquifer storage and recovery project with wastewater
			Aquifer storage and recovery project with surface water Optimize reservoir management (sediment removal, evaporative loss reduction)
			Other
$\Box$	$\Box$	$\Box$	Outei

Please	briefly o	describe the	proposed projects under Category II:
-			
		attach longer des May consider	y III: Mitigate Drought (Please check all that apply and describe the proposed project in cription).
		in the future	Water banking/temporary leases of water rights
			Emergency conservation ordinance to restrict water use Other
Please	briefly o	describe the	proposed projects under Category III:
-			
-			
-			
		der Categor	y IV: Reduce Demand (Please check all that apply and describe the proposed project in the potion).
Current	Proposed	May consider in the future	
			Manage growth and land use
			Water conservation focused on outdoor use
			Water conservation focused on indoor use for new construction
			Water conservation focused on indoor use through retrofits Other

Please	briefly o	describe the	proposed projects under Category IV:
	tions und		y V: Increase Water Supply (Please check all that apply and describe in space provided
Current	Proposed	May consider in the future	
			Utilize San Juan-Chama Water
			Purchase surface water rights and transfer to municipal use without
			transferring across Otowi Gage
			Purchase surface water rights and transfer to municipal use by moving water rights across the Otowi Gage
			Drill additional domestic wells (72-12-1)
			Drill additional municipal wells
			Reappropriate water above Otowi Gage up to 1929 conditions of the
			Rio Grande Compact
			Appropriate flood flows during years when excess is available on the Rio Grande
			Build new reservoirs
			Other
Please	hriefly (	describe the	proposed projects under Category V:
1 lease	officity (	deserree the	proposed projects under category v.
7. Oth	ner Actio	ons not inclu	ided above, please describe: